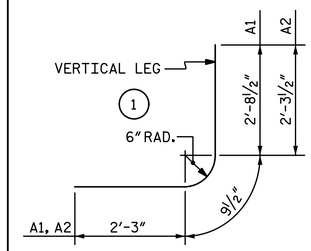
DocuSign Envelope ID: E934490F-58C3-4D69-A421-71A7B04BF7FA

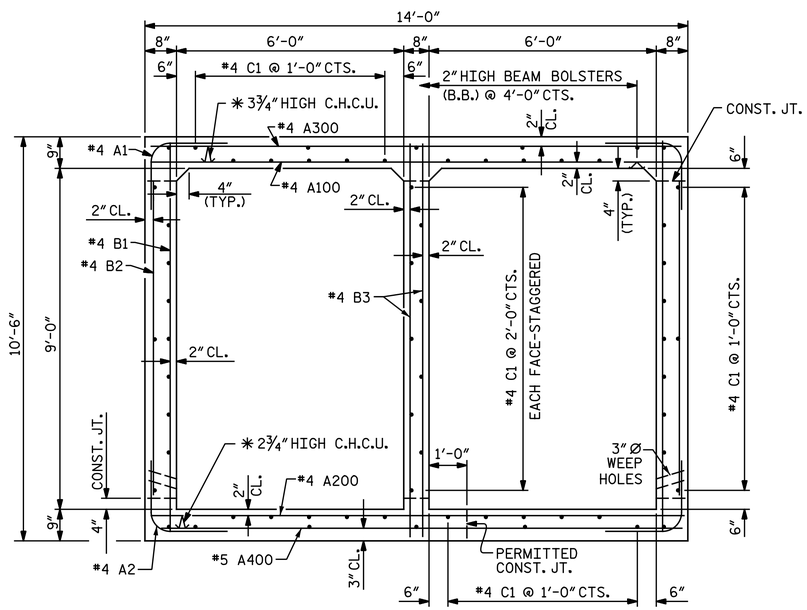
BAR TYPE



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	240	#4	1	5' - 9"	922
A2	240	#4	1	5' - 4"	855
A100	77	#4	STR.	13' - 8"	703
A101	2	#4	STR.	12' - 8"	17
A102	2	#4	STR.	10' - 11"	15
A103	2	#4	STR.	9' - 2"	12
A104	2	#4	STR.	7' - 5"	10
A105	2	#4	STR.	5' - 7"	7
A106	2	#4	STR.	3' - 10"	5
A107	2	#4	STR.	2' - 1"	3
A200	77	#4	STR.	13' - 8"	703
A201	2	#4	STR.	12' - 8"	17
A202	2	#4	STR.	10' - 11"	15
A203	2	#4	STR.	9' - 2"	12
A204	2	#4	STR.	7' - 5"	10
A205	2	#4	STR.	5' - 7"	7
A206	2	#4	STR.	3' - 10"	5
A207	2	#4	STR.	2' - 1"	3
A300	108	#4	STR.	13' - 8"	986
A301	2	#4	STR.	13' - 7"	18
A302	2	#4	STR.	12' - 4"	16
A303	2	#4	STR.	11' - 1"	15
A304	2	#4	STR.	9' - 10"	13
A305	2	#4	STR.	8' - 7"	11
A306	2	#4	STR.	7' - 5"	10
A307	2	#4	STR.	6' - 2"	8
A308	2	#4	STR.	4' - 11"	7
A309	2	#4	STR.	3' - 8"	5
A310	2	#4	STR.	2' - 5"	3
A400	108	#5	STR.	13' - 8"	1,539
A401	2	#5	STR.	13' - 7"	28
A402	2	#5	STR.	12' - 4"	26
A403	2	#5	STR.	11' - 1"	23
A404	2	#5	STR.	9' - 10"	21
A405	2	#5	STR.	8' - 7"	18
A406	2	#5	STR.	7' - 5"	15
A407	2	#5	STR.	6' - 2"	13
A408	2	#5	STR.	4' - 11"	10
A409	2	#5	STR.	3' - 8"	8
A410	2	#5	STR.	2' - 5"	5
B1	160	#4	STR.	10' - 1"	1,078
B2	240	#4	STR.	8' - 4"	1,336
B3	120	#4	STR.	10' - 1"	808
C1	126	#4	STR.	31' - 0"	2,609
G1	8	#5	STR.	14' - 8"	122
S2	12	#8	STR.	14' - 8"	470
REINFORCING STEEL				LBS.	12,542



RIGHT ANGLE SECTION OF BARREL

THERE ARE 63 "C" BARS IN SECTION OF BARREL.
✱ ALL CONTINUOUS HIGH CHAIR UPPER (C.H.C.U.) @ 3'-0" CTS.

SPLICE LENGTH CHART

BAR	SIZE	SPLICE LENGTH
A200	#4	1'-9"
A400	#5	2'-2"
B1, B3	#4	1'-5"
C1	#4	1'-11"

PROJECT NO. I-5986B
JOHNSTON COUNTY
STATION: 35+91.00 -Y33-

SHEET 3 OF 3

DocuSigned by: Amanda Sharpe B1D6FFF4ECEF4D2...
4/7/2020

NORTH CAROLINA PROFESSIONAL SEAL 043878 ENGINEER AMANDA H. SHARPE

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

DOUBLE 6 FT. X 9 FT.
CONCRETE BOX CULVERT
68° SKEW

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Michael Baker INTERNATIONAL
Michael Baker Engineering
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Cary, North Carolina 27518
NC License No.: F-1084

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		CI-3
1			3				TOTAL SHEETS
2			4				5

DRAWN BY : N. B. SPEAKS DATE : 2-4-20
CHECKED BY : A. H. SHARPE DATE : 3-31-20